

**Notice of Allowability**

Application No.

10/623,274

Examiner

Longbit Chai

Applicant(s)

GONSALVES ET AL.

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**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to phone interview on 6/5/2007.
2. ☒ The allowed claim(s) is/are 1-5 and 7-30.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 6/5/2007.

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other \_\_\_\_\_

  
AYAZ SHEIKH

SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

## DETAILED ACTION

### *Examiner's Amendment*

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

In view of Appeal Brief filed on 12 February 2007 and an authorization for this Examiner's Amendment given in a telephone interview with Jeffrey G. Toler (Reg. No. 38,342) on 5 June 2007, the claimed subject matters are more distinctly pointed out as patentable features to place the application in the condition for allowance.

This application has been amended as follows:

**IN THE CLAIMS**

**Cancel claim 6.**

**Replace claims 1, 10, 19, 23 and 26.**

**Claim 1:**

A system comprising:

a router, including:

a first interface to communicate with a local area network connection at an end user computer;

a second interface to communicate with a wide area network connection to at a distributed computer network;

detection logic responsive to the first interface, the detection logic to detect user inactivity at the end-user computer; and

blocking logic responsive to the detection logic, the blocking logic to selectively initiate a blocking signal to disable communications received at the second interface from being sent over the first interface to the end-user computer; wherein

the detection logic and the blocking logic are embedded within an auto-sensing Ethernet port of the router.

**Claim 10:**

A method comprising:

establishing a broadband connection at routing equipment, the broadband connection including a first local data connection between an end-user computer and the routing equipment and a second wide area network data connection between the routing equipment and an internet service provider;

detecting at the routing equipment that the end-user computer has been idle for an idle time greater than an idle time inactivity threshold and determining an inactivity event at the routing equipment; and

initiating a blocking signal at the routing equipment to establish a blocking condition; the blocking signal blocking data received at the routing equipment via the second wide area network data connection from being communicated from the routing equipment to the end-user computer via the first local data connection; wherein

the detection logic and the blocking logic are embedded within an auto-sensing Ethernet port of the routing equipment.

**Claim 19:**

Please append the following limitation at the end of the claim limitations (similar to claims 1 and 10 set forth above):

“; wherein the detection logic and the blocking logic are embedded within an auto-sensing Ethernet port of the digital subscribe line routing equipment”.

**Claim 23:**

Please append the following limitation at the end of the claim limitations (similar to claims 1 and 10 set forth above):

“; wherein the detection logic and the blocking logic are embedded within an auto-sensing Ethernet port of the router”.

**Claim 26:**

Please append the following limitation at the end of the claim limitations  
(similar to claims 1 and 10 set forth above):

“; wherein the detection logic and the blocking logic are embedded within  
an auto-sensing Ethernet port of the router”.

***Allowable Subject Matter***

Claims 1 – 5 and 7 – 30 are allowed.

The following is an examiner's statement of reasons for allowance:

The above mentioned claims are allowable over prior arts because the CPA (Cited Prior Art) of record fails to teach or render obvious the claimed limitations in combination with the specific added limitations, as recited in independent claims 1, 10, 19, 23 and 26.

The prior arts fail to teach or suggest a router, including a first interface to communicate with a local area network connection at an end user computer; a second interface to communicate with a wide area network connection to at a distributed computer network; detection logic responsive to the first interface, the detection logic to detect user inactivity at the end-user computer; and blocking logic responsive to the detection logic, the blocking logic to selectively initiate a blocking signal to disable communications received at the second interface from being sent over the first interface

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to the end-user computer; wherein the detection logic and the blocking logic are embedded within an auto-sensing Ethernet port of the router.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Longbit Chai whose telephone number is 571-272-3788. The examiner can normally be reached on Monday-Friday 8:00am-4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz R Sheikh can be reached on 571-272-3795. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Longbit Chai

Examiner

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